

ABSTRACT OF THE DISCLOSURE

A solid-state image sensor includes a photocell array for accumulating signal charge for each pixel in accordance with progress of exposure, and a read circuit for reading out information on the accumulated signal charge from the photocell array.

- 5 With an insulating structure between its input and output, an amplifier in the read circuit generates an output signal without resetting the accumulated charge in the photocell. Information on the accumulated charge is read out at different exposure times while signal charge is accumulated during exposure, and a plurality of image signals can sequentially be obtained without destroying the information.

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